

ABSTRACT OF THE DISCLOSURE

An electron gun for a cathode ray tube and a cathode ray tube using such electron gun is provided. The electron gun includes a cathode for emitting an electron beam; a plurality of grid electrodes aligned sequentially from the cathode, one of the grid electrodes including a plurality of focusing electrodes that are mounted with a predetermined gap therebetween; a support for fixing the grid electrodes in their aligned arrangement; and a shield electrode mounted covering the gap(s) of the focusing electrodes and extending a predetermined distance over the focusing electrodes. The cathode ray tube includes the electron gun; a neck, within which the electron gun is mounted; and a scanning velocity modulation coil mounted on an outer circumference of the neck corresponding to the positioning of the gap(s) of the focusing electrodes.

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